

ABSTRACT OF THE DISCLOSURE

A method and apparatus for cleaning and disinfecting a milk line system and for determining the extent to which a milk line system is rinsed with a cleaning fluid, whereby in one or more places in the milk line system the electric conductivity if the cleaning fluid is determined. More in particular, according to the invention, the electric conductivity is measured in places which are difficult for the cleaning fluid to reach or at places in the milk line system which are more likely to harbor undesirable microbes. The cleaning solutions may be an alkali, detergent, hydrogen peroxide, or acid including peracetic acid, ozone, an alcohol, an aldehyde including formaldehyde, phenol and ethylene oxide, to the extent that these substances do not adversely affect materials such as the compositions of the teat cups.